Task Force Web

Navy Transformation

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Transformation… What is it?

Transformation is a process that shapes the changing nature of military competition and cooperation through

new combinations of concepts, capabilities, people, and organizations

that

exploit our nation's advantages

to sustain our strategic position, which helps underpin peace and stability in the world.

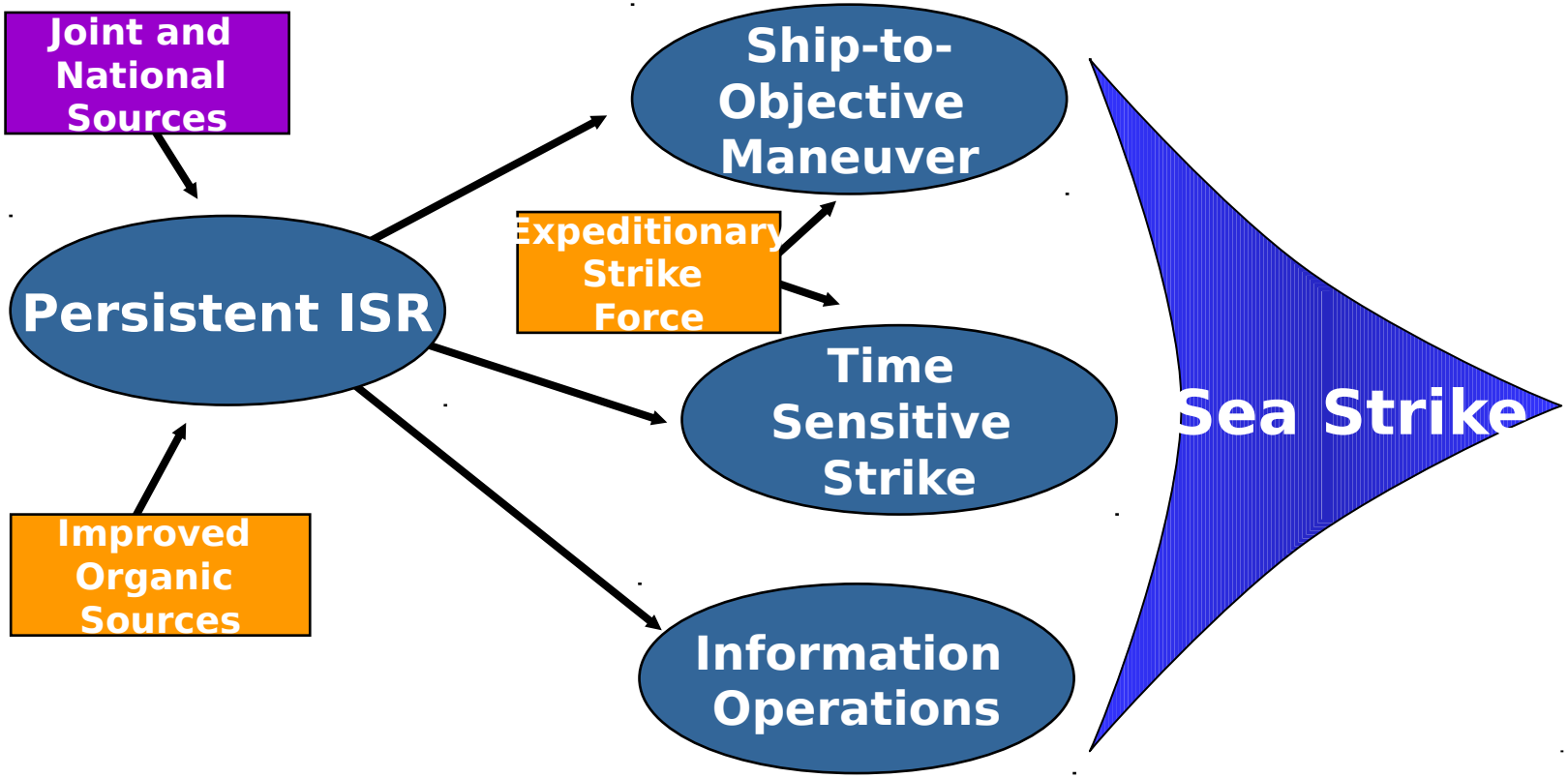
SEAPOWER 21

- *Project decisive and persistent offensive power anywhere in the world*
- *Launch immediate, agile and sustainable operations from the sea*

- *Assure access throughout the battlespace for the Joint Force*
- *Project defense around friends, allies, and coalition and the Joint Forces*
- *Provide a sea-based layer of homeland defense*

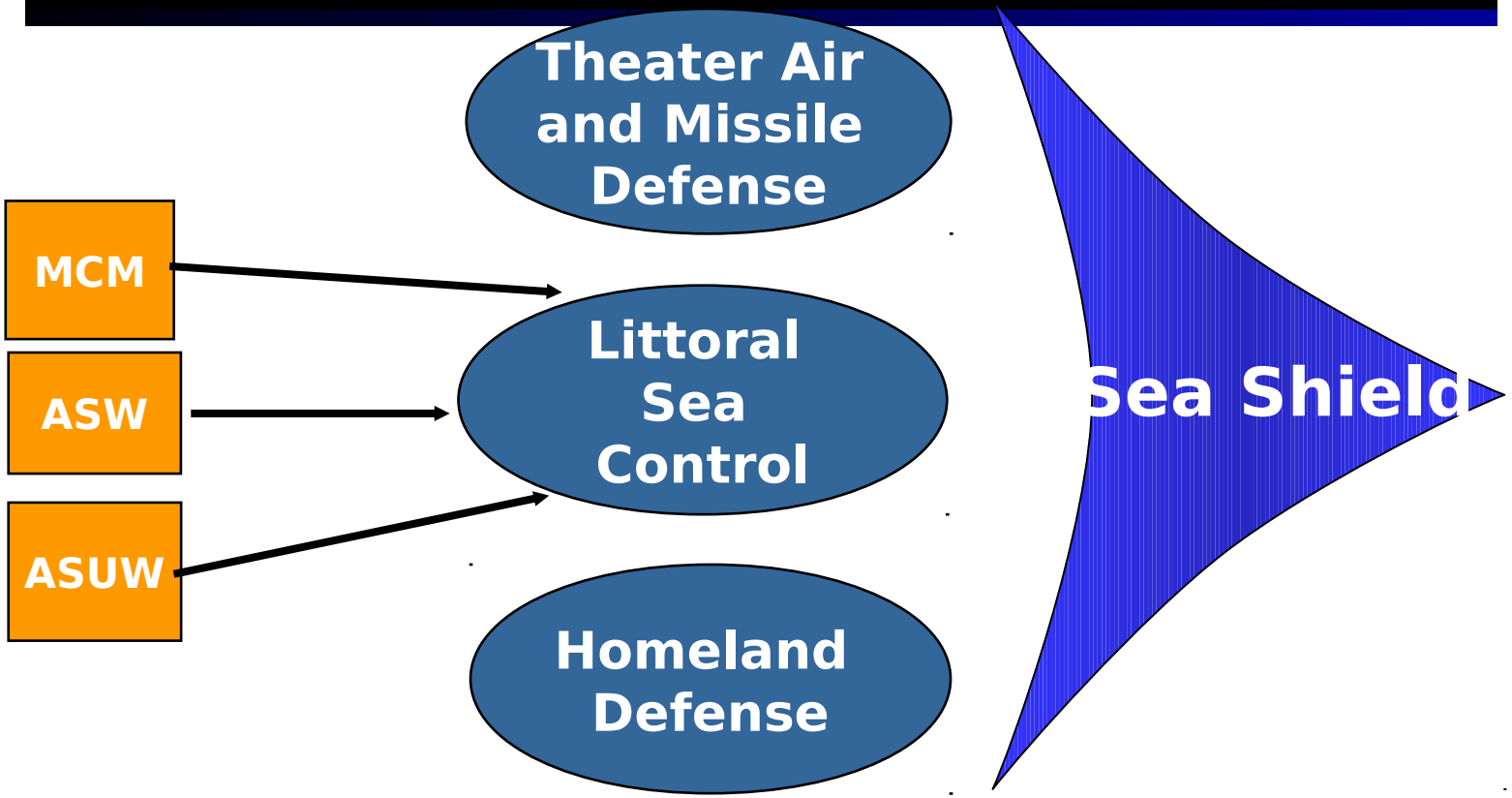
- *Project forces worldwide with capability to fight & win*
- *Operate Immediately from an expanded and secure maneuver area – the sea*
- *Minimize vulnerabilities tied to overseas land support*

Sea Strike



Project decisive and persistent offensive power

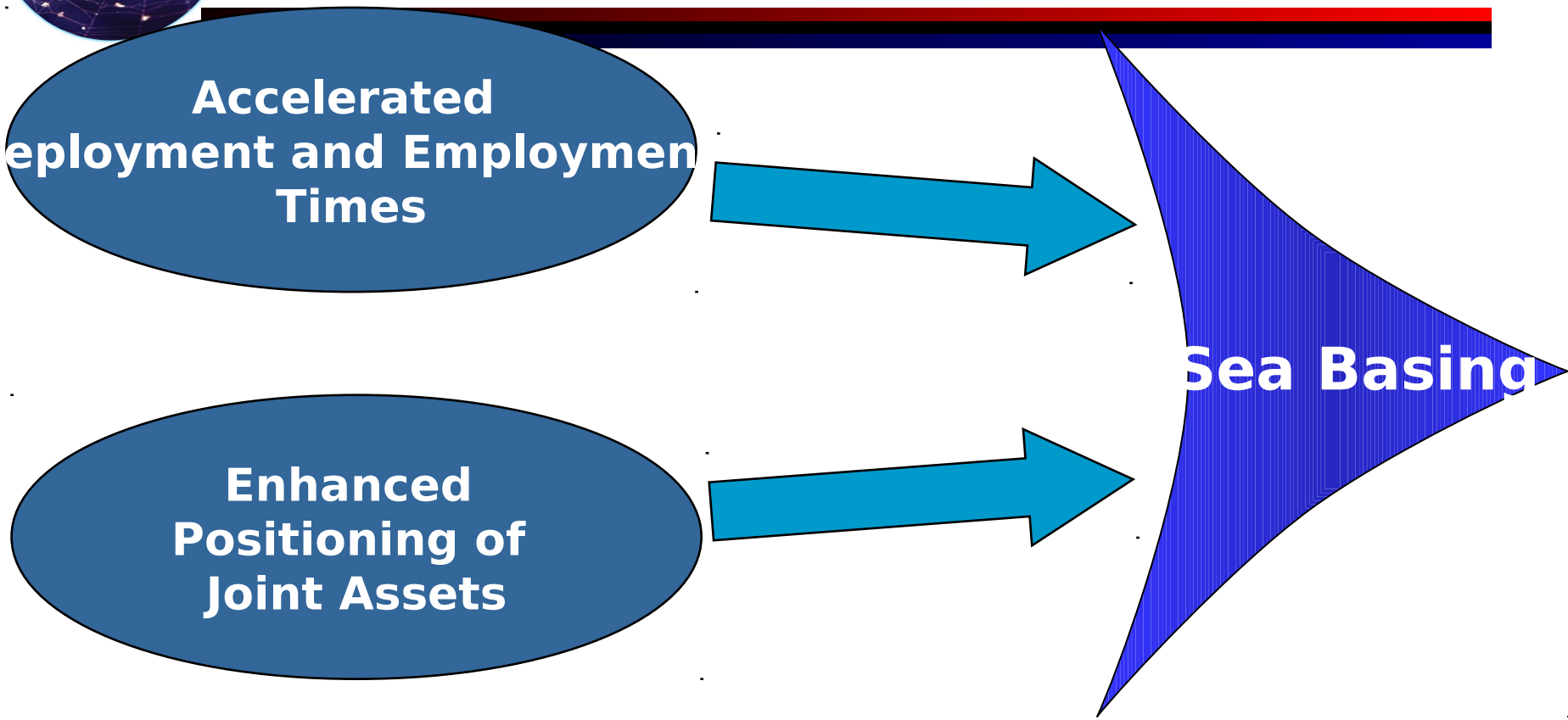
Sea Shield



Assure access throughout the battlespace for the Joint Force

Project defensive sphere around allies, coalition and Joint Force

Sea Basing



Provide worldwide basing options for fighting and winning

Operate immediately from an expanded, secure maneuver area

FORCEnet

- Accelerate speed and accuracy of decision at every level of command.
- Robustly network sensors, decision aids, weapons, warriors and supporting systems.
- Integrate all force elements throughout battle space.
- Synchronize battlespace tasking, processing, exploitation and dissemination.

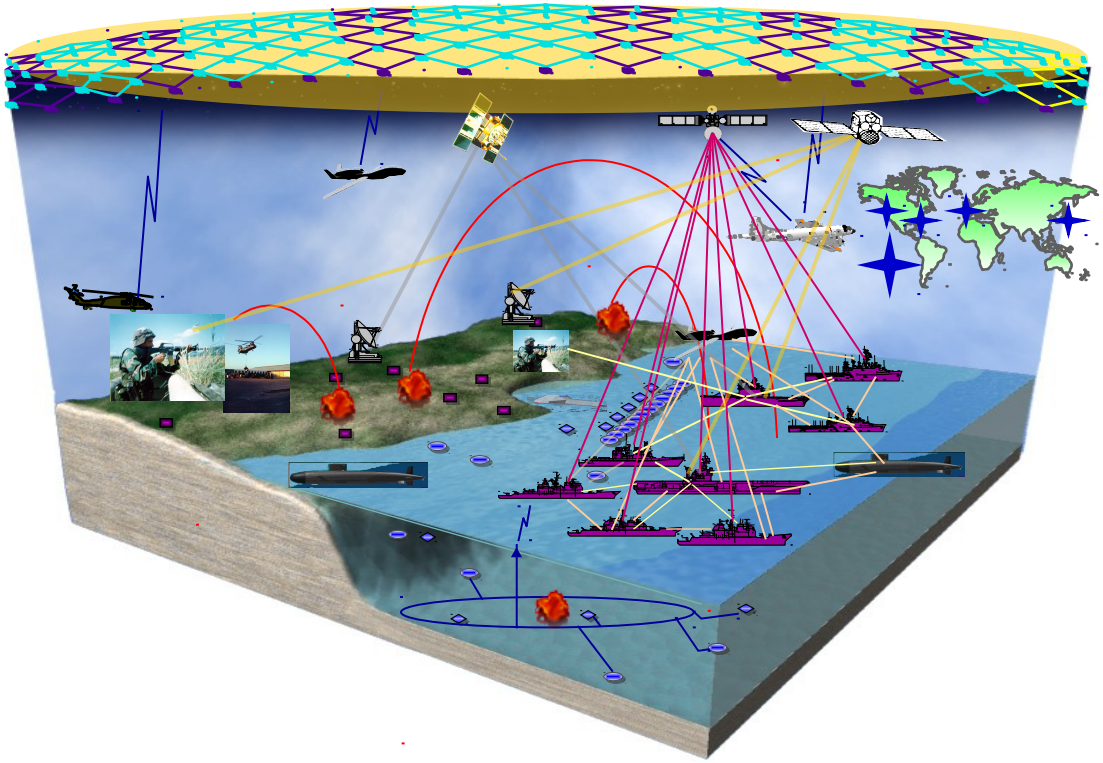
"The…vast network that connects information and weapons in new ways…will revolutionize the Navy's ability to project American power over land and sea, assuring access for all our forces, wherever our vital interests are threatened."

George W. Bush, 4 March 2001

FORCEnet

Seamless Information Grid

FORCEnet is the operational construct and architectural framework for Naval Warfare in the Information Age which integrates Warriors, Sensors, Networks, Command and Control, Platforms and Weapons into a networked, distributed combat force, scalable across the spectrum of conflict from seabed to space and sea to land



Transformational Processes

- Sea Warrior: enhancing assessment, assignment, training and education.
- Sea Trial: putting the Fleet at the heart of innovation.
- Sea Enterprise: capture business efficiencies.

Guidance

- Provide a Framework for the Navy's Transformation Efforts.
- Integrate Concepts and Technology Development.
- Accelerate Delivery of Enhanced Warfighting Capabilities.
- Join known technologies with desired initiatives.
- Develop fully executable BG size experiments (CFFC / NWDC).
- Execute experiments within the constraints of a deployment (Numbered Fleets / BGs).
- Provide Warfighter's assessment of experiment results.
- Integrate assessments and provide a consolidated list of initiatives.

Challenges

- Network baseline:
  - Program of Record vs NGN capability
  - Long term: Global integration (NMCI, BLII, IT-21)

- Network (comms) capacity:
  - Focus on afloat users
  - Non-traditional: Make better use of what we have
    - More effective capacity
    - More efficient utilization